

Amendments to the Specification:

Please insert the following paragraph on page 1, above "Technical Field" at line 4:

C1
The U.S. government may have rights in this invention as provided for by the terms of Contract No. DAAH01-97-C-R179 awarded by DARPA.

Please amend the paragraph beginning on page 9, at line 5 as shown below:

C2
~~Route~~ Router 10 includes a terminal interface 10a which normally is used to connect router 10 to host device 12, and a system interface 10b which connects router 10 to communications device 14. Router 10 generally includes a processor consisting of hardware and/or software which implements the required functionality. Router 10 is further configured to operate in an alternate mode in which host device 12 is connected directly to a network, and router 10 is also connected to a point in the network via system interface 10b. In this case, terminal interface 10a is unused.

Please amend the paragraph beginning on page 25, at line 14 as shown below:

C3
The objective of the ~~instand~~ instant Network nomadic router is to enable rapid deployment of a communication network in any environment with little or no fixed infrastructure. The host and communication devices do not have to directly support the rapid deployment functionality.

Please amend the paragraph beginning on page 25, at line 18 as shown below:

C4
The ~~instand~~ instant network nomadic router distributedly and intelligently establishes a wireless (or wired) communication link between the host device and the desired communication system while performing configuration, security, multihop routing, and network level data transmission over various communication devices. The nomadic router performs all the necessary network ~~creatin~~ creating and processing automatically to remove configuration and system support from the host system or user. The ~~instand~~ instant network

C4 nomadic router utilizes proprietary and existing/emerging wireless communication systems, and multihop routing protocols.

Please amend the paragraph beginning on page 26, at line 3 as shown below:

C5 Conditions may range from no connectivity at all because of lack of service, to partial and/or intermittent connectivity as devices are plugged and unplugged from a system. Likewise, damage to ~~communicate~~ communication infrastructures (deliberately or by accident), lossy communication as a system moves through various service areas or difficult domains, and times when multiple network devices (communication substrates) can be used at the same time complicate connectivity. The ~~instant~~ instant network nomadic router will dynamically adapt the communication internetwork (dynamically creating one if necessary) to provide survivable communication in a mobile chaotic environment without the need for centralized control or fixed infrastructures.

Please amend the paragraph beginning on page 26, at line 26 as shown below:

C6 The Nomadic Intranet application provides all network and server type services for users to dynamically create an adhoc network. This is similar to the instant network nomadic router except the nomadic intranet is a single device with multiple ports into which laptop/devices can be plugged. The ~~instant~~ instant network nomadic router is distributed to each host device. The nomadic intranet not only provides adhoc networking but can also provide services such as temporary file storage, protocol conversion, act as a print server, and provide other services described as part of the Basic nomadic router.